

TECHNICAL SUMMARY

TELEVISION STATION WGHP(TV)
HIGH POINT, NORTH CAROLINA
CHANNEL 31 1000 KW (H), 250 KW (V) 397 M HAAT

1. The instant application is for an expanded facility for the authorized facility of WGHP(TV), High Point, NC (Channel 31).^{*} By means of this application the effective radiated power (ERP) of WGHP(TV) will be increased to 1000 kW. There are no other changes proposed.

2. The proposed facility is compliant with the ‘largest station in the market’ provision of Section 73.622(f)(5) of the FCC Rules. It is proposed to operate on Channel 31 with a non-directional ERP of 1000 kW and an antenna height above average terrain (HAAT) of 397 meters. These facilities exceed the normal maximum permissible facilities specified in Section 73.622(f)(8)(i) of the FCC Rules. However, the proposed facilities have been calculated in accordance with the largest station provision of Section 73.622(f)(5) of the FCC Rules. Specifically, the largest station in the Greensboro-High Point-Winston Salem market is WXII-TV, Winston-Salem, NC, Channel 16, which holds a construction permit to provide noise-limited 41 dBu, f(50,90) service to an area of 42,890 square kilometers.[†] The proposed WGHP(TV) operation is predicted to provide noise-limited 41 dBu, f(50,90) service to an area of 35,040 square kilometers.[‡] Therefore, the proposed WGHP(TV) facility is compliant with the largest station provision of the FCC Rules.

3. The instant proposal is compliant with the interference protection requirements of the FCC Rules. The results the FCC’s *TVStudy* analysis are attached hereto as an exhibit.

^{*} See FCC File No. 0000025059.

[†] WXII-TV is authorized for operation with a non-directional ERP of 640 kW and an antenna HAAT of 571.9 m.

[‡] Clarification of the largest station provision is provided in the *Report and Order and Further Notice of Proposed Rule Making* in MM Docket No. 00-39 at paragraphs 73-74.